

An Essay  
on  
Vital Nutrition or Ergot

Papers. Feb. 27. 1827

for  
the degree of Doctor of Medicine  
in the  
University of Pennsylvania

By Casson D. Olds  
of Ohio

Jan. 10th 1827

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*An Essay on the Uterine Cornutum or Ergot.* 1

This article is a parasitic fungus, occupying the glumes of the eye, of the genus sclerotium, and natural order fungi.

The wide spreading reputation of the ergot throughout the medical world, as a partus accelerator, and the diversity of opinion among medical men as to its powers and use, render it an article peculiarly interesting to the medical inquirer, and a very desirable object to establish some fixed rules for its exhibition.

If we range the whole Materia Medica, we shall not perhaps be able to find another article so eminently well calculated to excite our admiration of that wonderful connexion of the various organs of the animal economy, by which an impression upon one part is almost instantly propagated to another, through the medium of sympathy, and is there manifested, often by the most vehement actions.

To me the ergot appears to exert its action specifically upon the uterine fibres, promptly exciting them to more or less vehement contractions. It not

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*An Essay on Pileate Vermiculum or Ergot 2*  
only excites the alternate contractions, but it possesses the  
power of very effectually promoting the tonic contraction  
of the uterus, which, every accoucheur will at once acknow-  
ledge is a very important and desirable object.

This article, as a partus accelerans, stands a-  
lone or preeminent, and is capable by its prompt and cer-  
tain operations of affording the most happy results in  
the hands of a cautious and judicious practitioner.

In cases of feeble, inefficient or irregular uterine  
contractions, the ergot administered judiciously, sel-  
dom fails of promptly exciting vigorous and efficient  
contractions; and may indeed, in my estimation, in  
the most of cases, be considered a complete substitute  
for either forceps or version.

In forming our estimation of the value of this  
article, it will be necessary for us to determine with  
precision, when the uterus is acting under its influ-  
ence; and when under the natural efforts of labour.  
And in this an experienced and attentive observer  
will find but little perplexity. For when the uterus

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An Essay on Vesical Contraction or Ergot.

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is excited to action by the influence which the ergot possesses over the contractility of its fibres; its contractions are far more powerful, and repeated at shorter intervals; the woman's suffering is more supportable during her pains, although if interrupted, she will tell you, her pains are much stronger and far more bearing down; at the same time she will declare her situation more comfortable; and in a majority of cases, there will be more or less uneasiness during the intervals of the uterine contractions.

The uterine contractions, when excited by the influence of the ergot, are generally surprisingly vehement; it is therefore, self evident, that this medicine cannot be given indiscriminately, or without due regard to circumstances. Should it be given before the uterus is dilated or in a dilatable condition, rupture of the uterus might be the consequence. But on the contrary, if the uterus be dilated, and the soft parts yielding, it may be administered with the most perfect safety, and the greatest certainty of success.

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*An Essay on Ucale Cornutum or Ergot.* 4

It has been supposed by some Physicians, and among these may be numbered men of talents and science, that the ergot exerts a detestious influence on the fetus; not infrequently destroying its life. But from considerable experience with this medicine in my own practice; and from the testimony of others who have used it extensively, I am convinced in my own mind, that when administered with due regard to the rules hereinafter mentioned, this objection will prove entirely unfounded. And I believe, at the present day, that such is the opinion of every one, who is at all conversant with the use of this medicine.

It is not unknown to me, that some few Physicians say that this article exerts any influence whatever on the uterine contractions. Their opinion may, I think, be very satisfactorily accounted for, by supposing, (which undoubtedly must have been the fact,) that they used ergot of a bad quality; or which had become effete, from long keeping, or from being long putrified. In selecting this article, we should be particular to select such grains as are smooth and plump; for these grains which

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has a shrivelled appearance an almost ivory and if examined when fresh the inside will be found of a darker colour than the sound, smooth and plump grains, and also much softer, and of a rotten and unwholesome odour.

In treating of this medicine, I shall first state the circumstances which forbid its employment, and then give the rules under which it may be administered with safety and manifest advantage.

1<sup>st</sup> It should never be given in cases in which it will be necessary to turn, or change the position or presentation of the child.

2<sup>d</sup> It should not be given before the uterus is detached or in a detachable condition, and the soft parts girdling.

3<sup>d</sup> It should not be given as long as the natural pains are efficient, and competent to effect delivery.

It must be evident to the most superficial observer, that such rules cannot be transgressed with impunity. The exhibition of the opium under these precise conditions of the uterine system, has most undoubtedly destroyed the life of many a child, and subjected the mother to

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*in Uterus on Uterus. Vermiculum is 6 feet.*

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much suffering, and the practitioners to great embarrassment.

Notes for administering the great cornutum.

1st. On the earlier stages of utero-ostiation, when a  
solution becomes in itself, and is uterine contractions  
are gentle and attended with more or less hæmorrhage.

Having satisfied ourselves that the progress of  
utero-ostiation can advance no further, that abortion  
has now become unavoidable, it will be very desirable  
not to reject it, but to accept it, and to accept it as soon as  
possible, without increasing our patient's sufferings  
or danger. Under such circumstances, promptly the  
woman's sufferings are extremely great, even when  
the incision and subsequent uterine contractions  
which in some cases may last continued for several  
days, her impotentiality for relief an urgent in the ex-  
treme. Under such circumstances, the retention  
of the great cornutum will very speedily produce an  
abortion and consequently, not only abridge our patient's  
sufferings, but greatly lessen her danger by putting a  
stop to the hæmorrhage.

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Case. Sept 17. 18 17. Was requested to visit Mrs. V. aged forty, between three and four months advanced in abortion. She had only once before been pregnant and then, when she was about eighteen years of age, was then delivered of a sound and healthy child. About twenty years since she was married, and has not since been pregnant until the present time. I found her laboring, under suppression of the urine, the bladder being fully distended, and having produced a retention of the uterus with all the concomitant symptoms. Having drawn off her urine with the catheter, and ordered an injection to be thrown up the rectum, which dislodged the indurated faeces contained in that bowel. I then determined, if possible, to restore the uterus to its natural position immediately as each bearing down effort was sinking. In pursuit of this I was in constant exertion, and finally increasing my difficulty by delay. For the better effecting of my purpose, I ordered the patient to be placed on her

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back with her legs elevated, my right hand being well lubricated. I passed it into the vagina in a state of relaxation, and placing my fingers on the fundus or base of the tumour, and by making moderate, but steady and long continued pressure, so as to elevate it towards the direction of the uterine os sacrum, I succeeded in restoring the uterus to its natural position, and in keeping it in situ by the aid of the pessary. Rest, and the antiphlogistic regimen were strictly enjoined; and it was not surprising to meet uterine contractions were administered, great care being taken to prevent the distention of the bladder, by continuing to use the catheter. But all our exertions to prevent abortion were ineffectual, and at the expiration of eight and forty hours, her pains still continuing, viz. a smart and irregular, hemorrhage began to be profuse, and the woman became much exhausted. On examination, in vaginam, the os uteri <sup>was found</sup> so much dilated as to preclude the possibility of any further advancement of the process of utero-gestation. And under these

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In Case on Veni Cornutus &c. 9  
circumstances, I determined to procure an abortion  
as quickly as possible, and to effect this object, I had  
recourse to the ergot, giving the patient twenty grains  
in substance, and in fifteen minutes ten grains more,  
and in about forty minutes from the time the first  
dose of the ergot was given, the tum and secundines  
were expelled, the hemorrhage ceased, and the pa-  
tient had immediate relief from all her sufferings.

Case 2d. (Mrs. Cross, in the habit of having  
miscarriages very suddenly induced, without any  
evident cause; and without any of the preliminary  
symptoms; and always during the hours of repose, be-  
ing awakened by the violence of the uterine contractions;  
and to the effort of a single Armentous bearing  
down pain, the tum would be expelled; but the secun-  
dines were retained, the uterus remaining lax, and  
an profuse and alarming hemorrhage was the con-  
sequence. This woman was very lusty and of a full  
habit, and her flooding was always profuse in the extreme.

I have seen this disease called to the aid of the

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woman after a miscarriage induced as before stated:  
 I have sometimes found in such a state of syncope, pulse  
 not perceptible—extremities cold—lips colourless—  
 and now and then sickness and morbidly heavy—and  
 almost lethargically floating in a gon of blood. In relation  
 this patient, I have found nothing more necessary, than  
 cold applications to the vulva—warmth to the extremi-  
 ties— brisk friction upon the abdomen immediately  
 over the uterus—and above all, the immediate applica-  
 tion of a full dose of the great cornutum which acts  
 very powerfully in exciting, & sometimes, to increase  
 the uterine contractions—at the same time promoting  
 the tonic contraction—floating consequently ceasing,  
 and the patient experiencing immediate relief from  
 all her sufferings.

3. The cases of profuse and alarming hæmorrhage  
 in the more advanced stages of utero gestation, attend-  
 ed with weak and inefficient uterine contractions, and  
 not occasioned by the attachment of the placenta  
 over the os uteri.

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The Effect on Menstrual Connection or Symp. 77

Under these circumstances, having considered  
not only the complaint, but also the general constitution,  
ordered a strict adherence to the antiphlogistic  
 regimen— and staved the hemorrhage by the use of  
the tampon until the os uteri becomes dilated or easily  
dilatable by the os uteri, period we shall seldom have  
recourse to forceable means, we may calculate with  
certainty on the prompt and efficient action of  
not in relation, our patients.

Case. On the 16th of Nov. 1836 I was requested to  
visit Mrs. W. the wife of Esq. C. in consultation with a  
young medical friend. This lady was very large, and  
of a full habit, aged thirty five— the mother of seven  
children, and according to her calculation, advanced  
in pregnancy to about the completion of the 7th month,  
and has had occasionally for a long time, pain around  
uterus every day, but not very severe or alarming,  
until within the last week and forty hours.

This lady has been confined to, or near, what is  
called a dry matter— the uterine has been retained





all employed—has had his bowels in a soluble condition of a more gentle and safer regimen. His benefit upon the antispasmodic regimen, with cold applications to the uterus, is great.

On examination, *in vaginam*, the *peristaltica* was found to be natural—the os uteri considerably dilated, but rather rigid; the placenta could not be felt. Considering the os uteri in a situation to forbid the present use of the ergot—or immediate manual delivery, I introduced the long one; and as the pulse was tolerably full, we took thirty ounces of blood. The pains still continuing, I was reduced both in frequency and force; in about one hour I examined her again, found the os uteri dilated and yielding, and the soft parts relaxed and some time was to be lost, for I was now returned to my own shape; and as the natural pains appeared imminent to effect delivery, we over the patient barely grains of ergot in substance, in barely minutes, her pains became violent and forcing, and in a few



time, delivery was accomplished—the same contraction of the uterus secured, and no hæmorrhage or other bad symptom followed.

But in cases of syncope or universal convulsions, in which immediate delivery becomes necessary.

§. In cases of syncope. Sometimes syncope will not take place till the pains are passing, it is useful to dilate and the soft parts to relax, and when not followed by contraction—diminution of the uterine contractions, and coldness of the extremities and surface generally, in short, when no connexion to interfere with the natural progress of labour. But when syncope is followed by increased contraction—when such succeeding fit of syncope becomes of longer duration—when the labour pains become weak and less frequent—and when there is much sinking of the patient, with coldness of the surface generally, immediate delivery is our best remedy. And now, provided the os uteri is sufficiently dilated, the which it almost always will be, when the



If mentioned symptoms are present, the ergot will be found far preferable to either manual or instrument-  
but assistance, or in fact the usual remedies implied  
under such circumstances.

Case. (Mrs. F. aged twenty five—in labour  
with her third child—had frequent violent fits—  
became much exhausted—her labour pains became  
weak and irregular—and her midwife much alarmed.  
I was now requested to visit the woman, and found her  
as above described; no evident cause could be ascribed for  
the spasm. On examination per vaginam, the presen-  
tation was ascertained to be natural. The os uteri to  
labour and the soft parts yielding. Upon the patient  
twenty grains of the secale cornutum in substance, and  
in twenty minutes, the first dose not having produced  
the desired effects, I gave ten grains more of the med-  
icine and in a few minutes, her pains became strong,  
forcing and frequent; the spasm ceased as her pains  
became stronger, and in a short time she was  
safely delivered, and had a rapid recovery.



When concealed or internal hemorrhage is the cause of this complaint, senecio is less alarming at first, & evacuation is less rapidly induced; but there will be an augmentation of both in proportion to the profuseness of the internal hemorrhage. The abdomen also, will be found to increase in tension, and this a little external hemorrhage will be perceptible; and at length the woman becomes so much exhausted, and the uterine contractions feeble.

Under these circumstances, the most will not be found a life valuable medicine, which is common in the 2<sup>d</sup> species, promptly assisting in uterine contraction, speedily accomplishing delivery and expelling the coagula of blood, and effectually preventing further hemorrhage, by promoting the tonic contraction of the uterus.

Case. Mrs. L. aged 40, in labour with her 6<sup>th</sup> child, but faintings, became increased & exhausted — and I was sent for in great haste to visit her. I found her much exhausted, rather quite relaxed, and in a very much distressed state. In menstruation, regular and





soft parts, were in a suitable condition for administering  
the ergot, and as his pains were feeble, I ordered cornu  
grains to be given in substance. In fifteen hours the  
crises became strong and during them, spasm occurred  
as soon as the pains became strong, delirium was soon  
sufficient to be seen in the face, in the limbs were very  
white enormous quantities of coagulated blood. The in-  
crease of force was as speedy as moment.

Dr. The purpurat convulsions, in which speedy  
delirium becomes urgent.

Under this head, I can say but little from my own  
experience, having never attended but one case of purpurat  
convulsions, which convulsions were of the epileptic variety.  
This woman had had sixteen convulsions before she  
died. I found her insensible — breathing attended  
with that peculiar stimulation, sound & vibration —  
besides this variety of purpurat convulsions. On ex-  
amination per vaginam, the uterus was found disten-  
ded about the size of a fifty cent piece, but rigid and  
angulated. This woman was of full habit, and

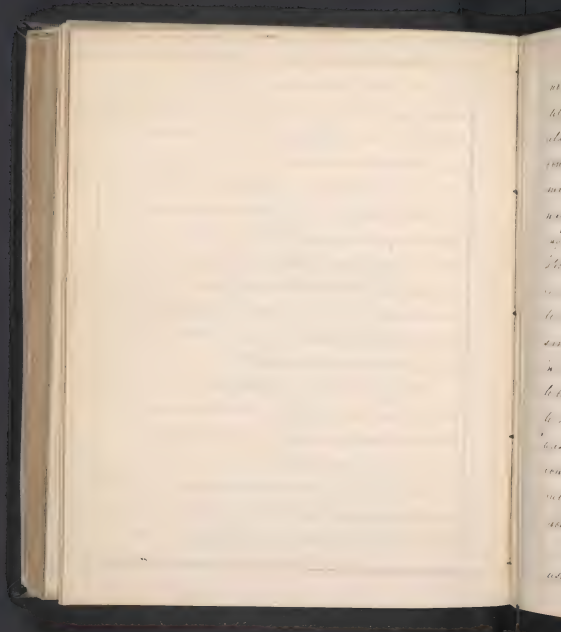
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on 17th at 10 o'clock. 17

The labor full and voluminous; I determined on per-  
missions accordingly. I gave a large enema, and  
the labor went on slowly after the first convulsion, &  
again took place, and after the succeeding con-  
vulsion, the labor went on more making in all nine hours.  
On examination again the os uteri was not more dilated  
than before, but quite soft and yielding. I was  
determined on administering the opium, but found  
that she had lost all power of deglutition. I there-  
fore endeavored to dilate the os uteri, which was accomplished with  
the utmost facility, without any loss, turned a living  
child and delivered by the feet.

During the time my hand was in the uterus,  
she had one convulsion—but there was not the  
least contraction of the uterus, it appeared to be  
evenly and gently relaxed.

Although in this case, the delivery was conducted  
with the utmost caution and intelligence, and was  
slowly, acting in imitation of the natural labor,  
indeed, after the delivery of the child, there was



no disposition of the uterus to contract. This con-  
 action of the uterus was attended with profuse and  
 alarming hæmorrhage. I attempted to excite uterine  
 contractions by brisk friction upon the abdomen, im-  
 mediate over the uterus—cold applications exte-  
 rally applied; and by injecting cold water into the  
 vagina and uterus; but all to no effect; the uterus  
 still remained in the same condition, and the hæm-  
 orrhage continued unabated. The idea now occurred  
 to me, that probably the cyst might receive the  
 same effect administered by injection, as was given  
 in the usual way. Accordingly, I ordered sixty grains  
 to be given by injection in starch water, and in about twenty  
 minutes uterine contractions came on; the hæmorrhage  
 was soon stopped; hæmorrhage ceased; and the tonic  
 contraction secured. Mrs. L. had no more con-  
 tractions after the twelve, recovered in seven or eight  
 hours, and had a tolerably good getting up.

This being the only case, in which I ever made  
 use of the cyst, by injection; I am not prepared to say

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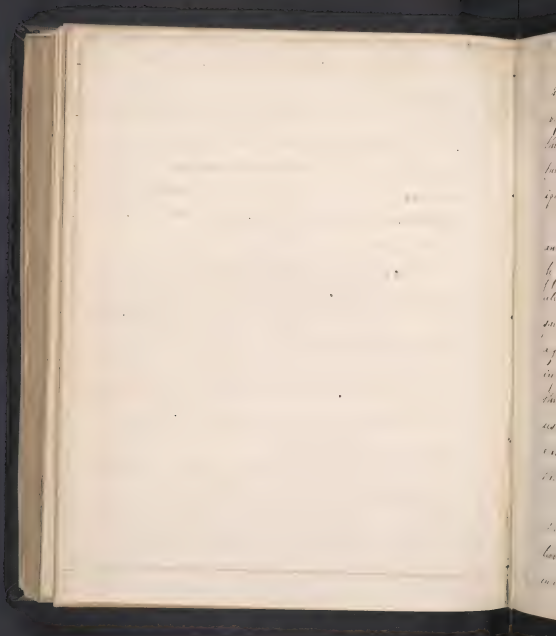
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that its action will always be thus prompt, when admin-  
istered in this manner; but if upon further trial it  
shall be found to be the fact, it will certainly be of much  
serviceability — as it may be administered in  
this way, in many cases, in which, the irritability of  
the stomach will be such as to forbid its use in the  
usual manner.

Like the protracted cases of labour, this is charac-  
terized by the hard and the soft parts relaxed and the  
uterine contractions being weak, irregular and incon-  
sistent to effect delivery.

Under these circumstances the opium, judiciously  
administered, will never, I believe, dis-  
rupt our most sanguine expectations acting prompt-  
ly, efficiently and safely.

Case. Jan. 1<sup>st</sup> 1834. I was called to be assist-  
ant of Mrs. A. aged thirty five her mother of five  
children — she had been four full days in labour  
and had been attended by a midwife. Mrs. A. was  
much exhausted, had not imbibed for six and thirty





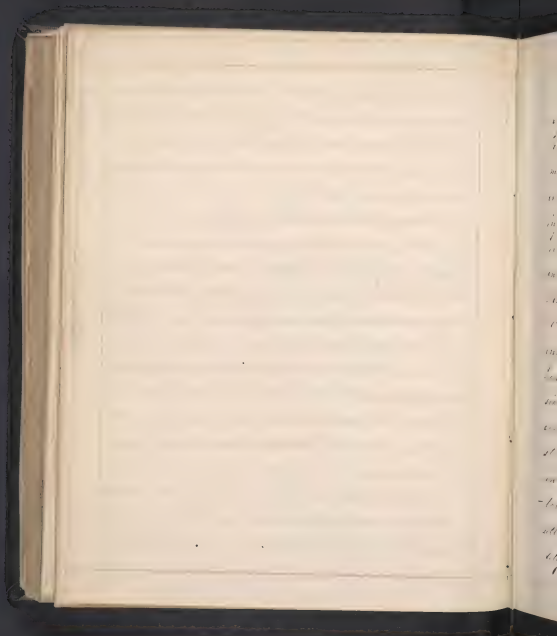
In Case on Treat. Cornuolum or Ergot.

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hours, and was very costly. On examination, her os was open, the presentation was found to be natural, the os was dilated, and the soft parts yielding; but the uterine contractions were feeble, and quite inadequate to accomplish delivery.

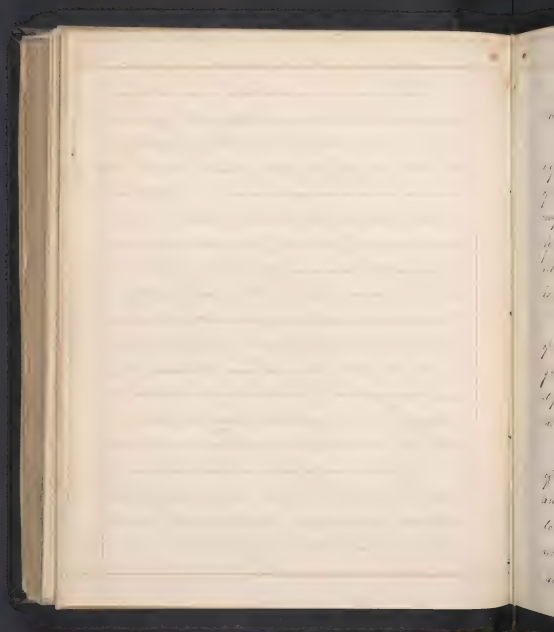
I drew off the urine with a catheter, ordered her an injection, which, having operated, I gave her ten grains of ergot in substance, and in twenty minutes, the former dose not having manifested its specific operation, I gave her ten grains more, and in a few minutes her pains became strong and became more frequent, without a complete intermission of pains; then appeared to be our continued effort of the uterus to reject its contents; and in a short time, the child was born; the placenta soon came away and the woman had a more speedy recovery.

Case. April 9th 1827. I was requested to visit Mrs. in consultation with Dr. The case related to her children, both of whom were delivered with the ergot in consequence of deficient uterine contractions.



The Physician who now attended her not being acquainted with the medical virtues of the ergot, and having no forceps, sent for me, with strict injunction for me to bring my forceps, supposing there could be no other remedy, as the woman was much exhausted, having been eight and forty hours in labour. The pains were weak and ineffectual; the presentation was a second presentation according to the opinion of Dr. Cross. The os uteri dilated and the external parts yielding.

After ~~some~~ consultation, I proposed to the attending Physician, that before employing the forceps, we should be the effect of the ergot, and after much persuasion and argument, I gained his approbation: accordingly, I gave the patient twenty grains in substance, her pains soon became sharp and frequent and in less than half of an hour from the time she took the ergot, delivery was accomplished, to the utter astonishment of the Doctor and the great relief of the patient and her friends.



In Utero on Death. Cornutum or Exert.

The solution of the placenta, from deficiency in the alternate or tense contraction of the uterine fibres.

On again the death cornutum acts with surprise, in extremely rare and complicated, yet distinct repulsion of the placenta with infinitely more ease and safety to the patient, than could be expected from its delivery by the hand. The only caution necessary, being to ascertain, that the solution is not produced by what is denominated the "hour glass" contraction.

In cases even in, which there exists a firm adhesion of the placenta to the parietis of the uterus; the vigorous and violent uterine contractions which it produces, will, according to my experience, effect the separation and repulsion of the placenta.

Case. Mrs. B. was delivered on the morning of the 14th of Jan 1795 of a son, by an ignorant and officious old midwife; but all her endeavours to deliver the placenta were ineffectual; and after working herself and fatiguing the woman for twelve hours, she began in convulsive chills, at the placenta



to, and my sister buying it in the fir, she retained,  
 & vomited, until both at last, thank God and  
 immediately put out for home. Mrs. B. still becoming  
 more and more exhausted, and feeling very uncom-  
 fortable during the night, and having much more  
 flooding than usual, became alarmed, and I was  
 requested to visit her on the succeeding morning af-  
 ter the birth of the child. I found her much exhaust-  
 ed from the long continuance, though not alarmingly  
 profuse hemorrhages. Suspecting from the history of  
 the case that the placenta still remained in situ,  
 and as the external parts were much swollen and ten-  
 der from long bleedings, concluded it would be better  
 to try the effects of the great constrictum, before making  
 use of more violent means accordingly I administered  
 clove grains in substance, and in twenty minutes  
 the grains more of the medicine was given, and in forty  
 minutes from the time she took the first dose of the  
 root, uterine contractions came on, and very soon the  
 placenta was expelled, and it ulcers became simple.





and I am on that Convention Cryst. 21  
contracted. Mrs F. had a very lingering and to-  
dious recovery.

I have administered the Cryst in all the cases of  
obstinate, chronic, and difficult labour, in my practice,  
in which the usual method was failing, viz. in the  
case, which was occasioned by an hour, long contrac-  
tion of the uterus, and it has more disappointed me  
of accomplishing the desired effect.

Ob. In cases of haemorrhage after delivery, from  
luxury and deficiency of uterine contraction.

Am given with the utmost certainty, we may place  
in most unbounded confidence in the powers of the  
Cryst. In haemorrhage now with certainty to per-  
mit to administer the Cryst fifteen or twenty  
min. after delivery to the time, we may reasonably expect  
delivery to be accomplished. Given in this manner,  
its specific action on the uterus, will begin to manifest  
itself, about the time labour is terminated. — imme-  
diately it effects the tonic contraction of the uterus, and  
by this the morbid effect of the bleeding is felt, and the



... on such Cornutum or Ergot.  
and the hemorrhage will be effectually prevented.

Case. Mrs. W. is the mother of eight children;  
has always had remarkable quick labours; the placen-  
ta coming away with the child; but after each delivery  
she has suffered much from uterine hemorrhage, in  
consequence of the uterus remaining in a relaxed condi-  
tion. I attended her in her last labours, and  
being made acquainted with in fact of her always suffer-  
ing from hemorrhage after delivery, I determined  
on administering the ergot as above stated, and such  
time it had the desired effect; securing the tonic con-  
traction of the uterus, and effectually preventing the  
possibility of hemorrhage.

The uterine pain is an erip of size in the diameter of  
the uterus, which will be followed by too rapid a de-  
livery, giving rise to a profuse and alarming hemor-  
rhage in consequence of the sudden emptying of the uterus.

At the invaluable assistance of midwives to En-  
dows are we indebted for our knowledge of the imple-  
ment of ergot in the above mentioned complaint.



In the aforementioned condition of the pelvic cavity, there will also be great danger of the uterus escaping with its contents from the os externum if the labour be not managed with much caution and judgment, but as this cannot be prevented by the use of the ergot, it does not come within the scope of this Essay.

To prevent hæmorrhage in these cases, besides the usual means such as friction cold applications &c. we should administer a full dose of ergot immediately after the delivery of the child, for the purpose of effecting the tonic contraction of the uterus, which will most effectually prevent hæmorrhage.

Case. Mrs. S. was taken in labour July 29<sup>th</sup> 1831 and my attendance was immediately required. At first lying on her side distant, I was soon by her side. The labour was rapidly advancing on, making an examination per vaginam, I found the head of the child presenting at the os externum, completely enveloped by the vix-uteri, and the os interius not much dilated, but quite soft and yielding. As



In Case of a loose Cervix Uteri &c.

in pains soon strong and bearing down, and the head surrounded by the neck of the uterus, and already began to distend the perineum. I directed the woman to sustain all her voluntary efforts, and with the fingers of my right hand pressing firmly against the head of the child, and supporting the perineum with my left hand: I counteracted in some degree the expulsive force of the uterine contractions: I watched with attention to detect, not in any manner, I prevented, as much as from escaping from the os uterinum. But immediately after the delivery of the child, hæmorrhage became profuse in the relaxing high position was instituted upon the abdomen immediately over the uterus, and the patient retained barely five grains of opium in substance, and in a short time the pains were not reliev'd, the placenta expelled, and the hæmorrhage ceased.

I attended this woman in her last succeeding labours, and exactly the same symptoms obtained, and were relieved in the same way.

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in Upon Great Cervical or Uterine

On When the head of the child has been left in the uterus, by being separated from the body.

Having never witnessed a case of this kind, I can not believe from my own experience; but reasoning from the known powers of this medicine, and attending the firmest reliance on the authority of Dr. Lowne and others, who appear as if it were and actually; I should not for a moment hesitate to employ the ergot in such a case, if an occasion should offer, and circumstances require it.

The uterus uterine is painfully distended by coagula. In some cases it comes in a sim. qua non action, and is almost completely in refilling the cavity, and exciting the tonic contraction of the uterus.

The following case was communicated to me, by my much lamented Friend, the late Dr. Benjamin Blas. He was called to see a woman, who had been delivered by a midwife some hours before— he found the woman much exhausted, with occasional syncope, in abdomen much distended and painful on pressure.

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she had no external hæmorrhage, but upon examination per vaginam, the uterus was found distended with coagulated blood. He administered a large dose of ergot, which soon excited the uterus to contraction, expelled an immense quantity of coagula, and the woman had immediate relief.

W<sup>h</sup> Professor Davis has suggested that the ergot may prove useful in cases of ptyphi in the uterus, where it shall become desirable to expel these substances beyond the cervix uteri, for the purpose of excision or applying the ligature. He has also suggested that it may very probably be useful in expelling hydatids from the cavity of the uterus.

This last suggestion of Professor Davis has since been proved to be correct, by a Dr. Margill of Pennsylv<sup>a</sup>, who has actually expelled hydatids by the use of the secale cornutum.

Thus, Illustrious Professors, have I endeavor-  
ed to point out and illustrate some of the many virtues

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*An Essay on Venal Corruption or Ergot.*

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of this invaluable medicine in as short and concise a manner as possible—And I trust the day is not far distant, when this article, in a medical point of view, shall occupy as conspicuous a station in our Materia Medica, as Calomel, Opium or the Peruvian Bark. Prompt in its action, powerful in its operation, and important in its application; it is admirably well calculated to dis-  
cuss that momentous period in the life of the female sex, of half its terrors, half its suffering and half its victims

1840

1. The first of the year was a very cold day, with a heavy frost, and a strong wind from the north.

2. On the 2nd, the weather was much warmer, and the wind shifted to the south.

3. On the 3rd, the sun shone brightly, and the wind was light and variable.

4. On the 4th, the weather was again cold, with a heavy frost, and a strong wind from the north.

5. On the 5th, the weather was much warmer, and the wind shifted to the south.

6. On the 6th, the sun shone brightly, and the wind was light and variable.

7. On the 7th, the weather was again cold, with a heavy frost, and a strong wind from the north.

8. On the 8th, the weather was much warmer, and the wind shifted to the south.

9. On the 9th, the sun shone brightly, and the wind was light and variable.

10. On the 10th, the weather was again cold, with a heavy frost, and a strong wind from the north.

11. On the 11th, the weather was much warmer, and the wind shifted to the south.

12. On the 12th, the sun shone brightly, and the wind was light and variable.

13. On the 13th, the weather was again cold, with a heavy frost, and a strong wind from the north.

14. On the 14th, the weather was much warmer, and the wind shifted to the south.

15. On the 15th, the sun shone brightly, and the wind was light and variable.

16. On the 16th, the weather was again cold, with a heavy frost, and a strong wind from the north.

17. On the 17th, the weather was much warmer, and the wind shifted to the south.

18. On the 18th, the sun shone brightly, and the wind was light and variable.

19. On the 19th, the weather was again cold, with a heavy frost, and a strong wind from the north.

20. On the 20th, the weather was much warmer, and the wind shifted to the south.

21. On the 21st, the sun shone brightly, and the wind was light and variable.

22. On the 22nd, the weather was again cold, with a heavy frost, and a strong wind from the north.

23. On the 23rd, the weather was much warmer, and the wind shifted to the south.

24. On the 24th, the sun shone brightly, and the wind was light and variable.

25. On the 25th, the weather was again cold, with a heavy frost, and a strong wind from the north.

26. On the 26th, the weather was much warmer, and the wind shifted to the south.

27. On the 27th, the sun shone brightly, and the wind was light and variable.

28. On the 28th, the weather was again cold, with a heavy frost, and a strong wind from the north.

29. On the 29th, the weather was much warmer, and the wind shifted to the south.

30. On the 30th, the sun shone brightly, and the wind was light and variable.

31. On the 31st, the weather was again cold, with a heavy frost, and a strong wind from the north.